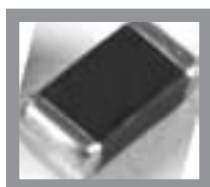




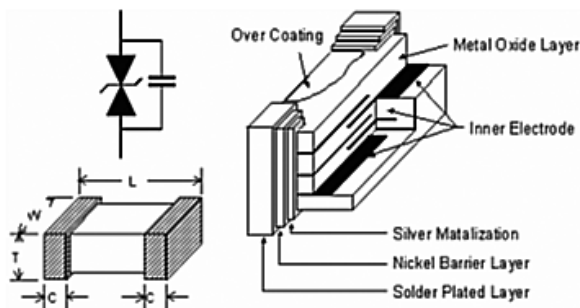
MVW series

FEATURES

1. Lead free type
2. SMD type zinc oxide based ceramic chip
3. Insulator over coat keeps excellent low and stable leakage current
4. Plating termination provided good solder-ability characteristic
5. Wide operating voltage range
6. Quick response time (<1ns)
7. Low clamping voltage
8. High transient current capability
9. Meet IEC 61000-4-2, 6100-4-4 and 6100-4-5 standard



DIMENSIONS



APPLICATIONS

1. For Mother board, Note book, Cellular phone, PDA, Handheld device, DSC, DV and Set Top box etc
2. For Vcc line and low frequency signal line over voltage protection

PARTNUMBER

MVW	1608	V	004	C	271	F	V
A	B	C	D	E	F	G	H

A: Series

B: Dimension

C: Voltage

D: Max. AC working voltage

E: Capacitance

F: Typical Capacitance: 271 = 270(pF)

G: Lead Free Code

H: ID Code

Size EIA (EIAJ)	0603(1608)
L	1.60±0.20
W	0.80±0.20
T	0.80±0.20
C	0.30±0.20

BW Part Number	Working Voltage	Cap	Varistor Voltage	Clamping Voltage	Peak Current	Transient Energy
	V/DC	pF	V@1mA	V@1A, 8/20μS	A@8/20μS	Joules@10/1000μS
MVW1005V5R5C201FV	5.5	200	8(8~11)	20	20	0.05
MVW1005V5R5C481FV	5.5	480	8(8~11)	20	20	0.05
MVW1005V009C131FV	9	135	12(10.2~13.8)	23	20	0.05
MVW1005V011C071FV	11	75	15(12.75~17.25)	25	20	0.05
MVW1005V014C051FV	14	50	18(15.3~20.7)	30	20	0.05
MVW1005V018C051FV	18	45	24(21.6~26.4)	39	20	0.05
MVW1608V5R5C361FV	5.5	360	8(8~11)	20	30	0.1
MVW1608V009C301FV	9	300	12(10.2~13.8)	23	30	0.1
MVW1608V014C211FV	14	210	18(15.3~20.7)	30	30	0.1
MVW1608V018C161FV	18	160	24(21.6~26.4)	39	30	0.1
MVW1608V022C151FV	22	145	27(24.3~29.7)	44	30	0.1
MVW1608V026C131FV	26	130	33(29.7~36.3)	54	30	0.1
MVW1608V030C111FV	30	110	39(35.1~42.9)	65	30	0.1
MVW1608V038C091FV	38	90	47(42.3~51.7)	77	30	0.1